



Little Rock Lake Phosphorus Reduction Through Feed Management Initiative



Clean Water Funds: 2012

Clean Water Grant	\$55,410
Leveraged Funds*	\$15,000
Total Project Budget	\$70,410

* Leveraged Funds include required 25% local match

Project Sponsor:

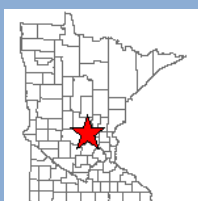
Benton Soil and Water Conservation District

Grant Period:

January 2012—December 2014

Project Contact:

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C12-139 - Accelerated Implementation

Project Narrative

The water quality and recreational value of Little Rock is negatively impacted by phosphorus. One important strategy involves reducing the quantity of phosphorus imported to the watershed through animal feeding operations. Farm management strategies coupled with traditional conservation practices will reduce surface runoff and phosphorus transport from feedlots and fields.

This project will assist corporate poultry industry and local farmers to put into practice animal feed management strategies that reduce the amount of phosphorus contained in chicken feed rations. Reducing the amount of

Phosphorus fed to the birds reduces the amount of contained in manure. Several management techniques and technologies are available to reduce phosphorus, including the use of the enzyme phytase in poultry feed. Technical assistance will be provided to increase the number of animal feed management strategies and improve on the management of existing practices.



Proposed Outcomes:

A greater understanding by the poultry industry and land owners about phytase enzymes and a commitment to a trial pilot project. Outputs will include before and after reduction in phosphorus content in poultry litter applied as fertilizer to fields in the watershed.

Actual Outcomes:

Project in Progress

